

## Appendix B: DoD Laboratories' Technology Transfer Activities

Number of Reported Active Technology Transfer Mechanisms\*  
per Service/Agency

Service	FY 95	FY 96	FY 97	FY 98	FY 99
Army	552	639	684	795	1504
Navy	148	139	297	387	479
Air Force	53	42	342	393	293
Defense Advanced Research Projects Agency	2	2	19	17	6
National Imagery and Mapping Agency	0	0	2	4	10
<b>TOTAL</b>	<b>755</b>	<b>822</b>	<b>1,344</b>	<b>1,596</b>	<b>2,292</b>

\* Technology Transfer Mechanisms include Cooperative Research and Development Agreements (CRADAs), Patent License Agreements, Educational Partnership Agreements, Use of Facility Agreements, and Personnel Exchange Agreements.

Number of Reported Active Technology Transfer Mechanisms by Laboratory/Center  
FY 95 through FY 99

Laboratory/Center	FY 95	FY 96	FY 97	FY 98	FY 99
DEFENSE ADVANCED RESEARCH PROJECTS AGENCY	2	2	19	17	6
ABERDEEN TEST CENTER			3	2	2
AERONAUTICAL SYSTEMS CENTER, WRIGHT-PATTERSON AFB			6	6	3
AIR FORCE DEVELOPMENT TEST CENTER EGLIN AFB	1	2	8	3	3
AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB CA	5	6	8	13	15
AIR FORCE MEDICAL CENTER, WRIGHT-PATTERSON AFB			2	2	0
AIR FORCE MATERIAL COMMAND	17	24	87	72	14
ARMY AEROMEDICAL RESEARCH LAB	9	17	17	20	30
ARMY ARMAMENT RESEARCH DEVELOPMENT AND ENGINEERING CENTER	10	20	27	40	47
ARMY AVIATION RESEARCH AND TECHNOLOGY ACTIVITY	31	38	7	16	
ARMY AVIATION RESEARCH AND TECHNOLOGY ACTIVITY FT EUSTIS VA					21
ARMY AVIATION RESEARCH AND TECHNOLOGY ACTIVITY MOFFETT FIELD CA					34
ARMY AVIATION RESEARCH DEVELOPMENT AND ENGINEERING CENTER	2	2	2	2	5
ARMY CECOM INTELLIGENCE AND ELECTRONIC WARFARE DIRECTOR	6	7	10	11	12
ARMY CECOM RESEARCH DEVELOPMENT AND ENGINEERING CENTER	22	29	30	34	44
ARMY COMMUNICATIONS-ELECTRONICS COMMAND FT BELVOIR VA	4	6	12	11	18
ARMY ELECTRONIC PROVING GROUND FT HUACHUCA AZ	1	1	1	1	1
ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MS	22	27	43	56	105
ARMY INSTITUTE FOR SURGICAL RESEARCH FT SAM HOUSTON TX	1	1		4	6
ARMY MEDICAL RESEARCH AND MATERIEL COMMAND FT DETRICK MD	8	6	5	6	17
ARMY MEDICAL RESEARCH INSTITUTE OF CHEMICAL DEFENSE	1	2	1	1	11
ARMY MEDICAL RESEARCH INSTITUTE OF INFECTIOUS DISEASES	57	66	66	70	103
ARMY MISSILE RESEARCH DEVELOPMENT AND ENGINEERING CENTER	6	10	11	15	27
ARMY NATICK RESEARCH DEVELOPMENT AND ENGINEERING CENTER	18	20	31	39	56
ARMY RESEARCH INSTITUTE FOR THE BEHAVIORAL AND SOCIAL SCIENCES	1	5	5	6	6
ARMY RESEARCH INSTITUTE OF ENVIRONMENTAL MEDICINE	8	11	11	20	26
ARMY RESEARCH LAB	109	117	151	165	
ARMY RESEARCH LAB ABERDEEN PROVING GROUND MD					68
ARMY RESEARCH LAB ADELPHI MD					62
ARMY RESEARCH LAB CLEVELAND OH					1

Laboratory/Center	FY 95	FY 96	FY 97	FY 98	FY 99
ARMY RESEARCH LAB FORT MONMOUTH NJ					97
ARMY RESEARCH LAB HAMPTON VA					31
ARMY RESEARCH LAB WHITE SANDS MISSILE RANGE NM					5
ARMY RESEARCH OFFICE, RESEARCH TRIANGLE PARK			1	1	1
ARMY SPACE AND STRATEGIC DEFENSE COMMAND	3	4	2	1	7
ARMY TEST AND EVALUATION COMMAND, ABERDEEN PROVING GROUND			1		0
ARMY TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT ACTIVITY	1				1
ARMY TOPOGRAPHIC ENGINEERING CENTER	3	2	2	4	6
ARNOLD ENGINEERING DEVELOPMENT CENTER		1	2	2	0
CENTER FOR HEALTHCARE EDUCATION AND STUDIES	2	1	1	1	2
CLINICAL INVESTIGATION REGULATORY OFFICE	30	38	34	95	179
COLD REGIONS RESEARCH AND ENGINEERING LAB	28	28	25	34	89
CONSTRUCTION ENGINEERING RESEARCH LAB (ARMY)	33	34	39	48	73
DEFENSE LANGUAGE INST MONTEREY CA	4	5	4	3	4
EDGEWOOD RESEARCH DEVELOPMENT AND ENGINEERING CENTER	2	5	11	21	27
ELECTRONIC SYSTEMS CENTER	15	12	8	25	13
JOINT TRAINING ANALYSIS & SIMULATION CENTER, SUFFOLK			1	1	1
NATIONAL IMAGERY AND MAPPING AGENCY			2	4	10
NATIONAL IMAGERY AND MAPPING AGENCY BETHESDA MD					2
NATIONAL IMAGERY AND MAPPING AGENCY RESTON VA					7
NATIONAL IMAGERY AND MAPPING AGENCY ST LOUIS MO					1
NAVAL AIR WARFARE CENTER AIRCRAFT DIV	10	10	14	20	
NAVAL AIR WARFARE CENTER AIRCRAFT DIV LAKEHURST NJ					1
NAVAL AIR WARFARE CENTER AIR CRAFT DIV WARMINSTER PA					16
NAVAL AIR WARFARE CENTER TRAINING SYSTEMS DIVISION, ORLANDO			2	7	9
NAVAL AIR WARFARE CENTER, WEAPONS DIVISION, CHINA LAKE	13	12	34	43	51
NAVAL AIR WARFARE CENTER, WEAPONS DIVISION, PT MUGU			6	9	10
NAVAL MEDICAL RESEARCH DEVELOPMENT COMMAND	33	32	39	45	71

Laboratory/Center	FY 95	FY 96	FY 97	FY 98	FY 99
NAVAL METEOROLOGY & OCEANOGRAPHY COMMAND, STENNIS SPACE CTR			2	3	4
NAVAL POSTGRADUATE SCHOOL	8	7	6	9	6
NAVAL RESEARCH LAB	44	36	64	79	
NAVAL RESEARCH LAB STENNIS SPACE CENTER MS					3
NAVAL RESEARCH LAB WASHINGTON DC					106
NAVAL SURFACE WARFARE CENTER DAHLGREN DIV	9	10	14	18	36
NAVAL SURFACE WARFARE CENTER INDIAN HEAD DIVISION	8	8	9	14	13
NAVAL SURFACE WARFARE CENTER, CARDROCK			14	18	25
NAVAL SURFACE WARFARE CENTER, CRANE, IN			8	10	7
NAVAL UNDERSEA WARFARE CENTER KEYPORT DIVISION	2	3	4	3	3
NAVAL UNDERSEA WARFARE CENTER NEWPORT DIV	17	17	21	25	28
NAVY CLOTHING & TEXTILE RESEARCH FACILITY, NATICK			2	2	2
OFFICE OF NAVAL RESEARCH, ARLINGTON			39	45	*
OGDEN AIR LOGISTICS CENTER	2	4	24	12	6
OKLAHOMACITY AIR LOGISTICS CENTER		1	1	1	0
SAN ANTONIO AIR LOGISTICS CENTER, KELLY AFB			3	3	0
SPAWAR SYSTEM CENTER, SAN DIEGO	2	2	18	24	22
TACOM RESEARCH DEVELOPMENT AND ENGINEERING CENTER	31	33	28	37	67
TRADOC ANALYSIS CENTER	1	1	1	1	1
UNIFORMED SERVICES UNIV OF THE HEALTH SCIENCES	1	1	2	2	3
WALTER REED ARMY INST OF RESEARCH	83	84	89	104	179
WARNER ROBINS AIR LOGISTICS CENTER	4	4	8	13	11
WATERVLIET ARSENAL	11	15	8	13	23
WRIGHT LAB	6	10	73	22	5
YUMA PROVING GROUND	1	3	3	4	5

\* ONR has cooperative agreements and Other Transaction Authority contracts that were counted in past years, but not in FY 99.

Some new activities began reporting data in FY 98. Additionally, the Air Force Research Laboratory began reporting using it's new title and Directorate designations. Therefore, these activities are reported below:

Laboratory/Center	FY 98	FY 99
AIR INTELLIGENCE AGENCY	2	12
AFRL MUNITIONS DIRECTORATE, EGLIN AFB	3	8
AFRL KIRTLAND AFB		32
AFRL DIRECTED ENERGY DIRECTORATE, KIRTLAND, AFB	26	
AFRL SPACE VEHICLES DIRECTORATE, KIRTLAND, AFB	12	
AFRL INFORMATION DIRECTORATE, ROME, NY	9	27
AFRL WRIGHT-PATTERSON OH		110
AFRL AIR VEHICLES, WPAFB	19	
AFRL MATERIAL DIRECTORATE, WPAFB	12	
AFRL PROPULSION DIRECTORATE, WPAFB	17	
AFRL SENSORS DIRECTORATE, WPAFB	8	
AFRL HUMAN EFFECTIVENESS DIRECTORATE, WPAFB	35	
NAVAL FACILITIES ENGINEERING SERVICE CENTER, PORT HUENEME, CA	2	1
NAVAL MEDICAL CENTER, SAN DIEGO CA	4	10
NAVAL OBSERVATORY, DC	1	1
NAVAL SURFACE WARFARE CENTER, PORT HUENEME, CA	2	2
NAVY EXPERIMENTAL DIVING UNIT	1	1
WHITE SANDS MISSILE RANGE	1	1

Activities reporting for the first time in FY 99 are reported below:

Laboratory/Center	FY 99
AIR FORCE INST OF TECH WRIGHT-PATTERSON AFB	7
ARMSTRONG LAB BROOKS AFB TX	1
DEFENSE NUCLEAR AGENCY ALBUQUERQUE NM	1
DEFENSE NUCLEAR AGENCY ALEXANDRIA VA	5
HUMAN SYSTEMS CENTER BROOKS AFB TX	1
HYDROLOGIC ENGINEERING CENTER DAVIS CA	1
NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECH CTR INDIAN HEAD MD	4
NAVAL SEA SYSTEMS COMMAND WASHINGTON DC	1
PHILLIPS LAB EDWARDS AFB CA	6
ROME LAB ROME NY	12